

**APPENDIX A**

13. An expression vector comprising:
  - a) nucleic acid encoding a Heparin-Binding Epidermal growth factor-like Growth Factor (HBEGF); b) nucleic acid encoding a Green Fluorescent Protein (GFP).
14. An expression vector according to claim 13 further comprising: a) an internal ribosome entry site (IRES).
15. An expression vector according to claim 14, wherein said IRES site is between said nucleic acid encoding said HBEGF and said nucleic acid encoding said GFP.
16. An expression vector according to claim 13 or 15 wherein said nucleic acid encoding said GFP is downstream of said nucleic acid encoding said HBEGF.
17. An expression vector according to claim 14 further comprising a 2a site.
18. An expression vector according to claim 17 further comprising a CD9 site.
19. An expression vector according to claim 13 or 17 further comprising: a) an additional selection gene.
20. An expression vector according to claim 14 or 18 further comprising a promoter of interest operably linked to said nucleic acid encoding said HBEGF.
21. An expression vector comprising: a first and second selection gene, wherein the first and second selection gene are fused such that transcription from a promoter operably linked to the first selection gene results in a single transcript encoding the first and second selection genes and further comprising an IRES site interposed between the first and second selection genes which allows for functional separation of the two selection genes, wherein either the first or second selection gene is an HBEGF gene.

22. An expression vector according to claim 21 further comprising an additional selection gene.

23. An expression vector according to claim 21 further comprising a CD9 site.

24. An expression vector according to claim 21 further comprising a promoter of interest operably linked to said nucleic acid encoding said HBEGF.

25. An expression vector comprising from 5' to 3':

a) a nucleic acid encoding HBEGF;

b) a 2a site;

c) a nucleic acid encoding GFP;

d) an IRES site; and

e) a promoter of interest.

26. An expression vector according to claim 25 further comprising a CD9 gene downstream of said IRES site.

27. An expression vector according to claim 25 further comprising an additional selection gene downstream of said IRES site.

28. An expression vector comprising from 5' to 3':

a) a nucleic acid encoding HBEGF;

b) an IRES site; and

c) a promoter of interest.

29. An expression vector according to claim 28 further comprising a CD9 gene downstream of said IRES site.

30. An expression vector according to claim 31 wherein said additional selection gene

downstream of said IRES site encodes GFP.

31. An expression vector according to claim 28 further comprising an additional selection gene downstream of said IRES site.

32. An expression vector according to any one of claims 22, 27, or 31, wherein said additional selection gene is a drug resistance gene conferring resistance to drugs selected from the group consisting of puromycin, neomycin, blastocidin, bleomyhcin, and hygromycin.

33. An expression vector according to claim 24, 25, or 28, wherein said promoter of interest is an IL-4 $\epsilon$  promoter.

34. An expression vector according to claims 13, 25, or 30 wherein said GFP is a *Renill Mulleri* GFP.

35. An expression vector according to claims 13, 25, or 30 wherein said GFP is a *Pitilosarcus Gurneyi* GFP.

36. An expression vector according to claims 13, 25 or 30 wherein said GFP is an *Aequorea* GFP.

37. An expression vector according to claims 13, 21, 25, or 28 wherein said expression vector is a retroviral vector.

38. An expression vector comprising a first and a second selection gene, wherein the first and second selection gene are fused such that transcription from a promoter operably linked to the first selection gene results in a single transcript encoding the first and second selection genes and further comprising a site which allows for functional separation of the two selection genes, wherein the first selection gene is an HBEGF gene.

39. The expression vector of claim 38, wherein the second selection gene is GFP.

40. The vector of claim 38, wherein the site which allows for functional separation of the two selection genes is an IRES site and wherein translation of the two different genes from

the single transcript occurs.

41. The vector of claim 38, wherein the site which allows for separation of the two selection genes is a protease cleavage site and wherein the protein product of the single transcript is cleaved to yield two proteins.

42. The vector of claim 41, wherein the protease cleavage site is a 2a site.

43. The vector of claim 42, wherein the 2a site is interposed between HBEGF and the second selection gene.

44. The expression vector of claim 22, wherein the additional selection gene is GFP.

45. The expression vector of claim 39 or 44, wherein the GFP is a *Renilla* GFP.